

SECTOR #3

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PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-003
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/503,834	
	Filing Date	02/15/2000	
	First Named Inventor	PATENAUDE, Francois, et al.	
	Group Art Unit	2749	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	68	Attorney Docket Number	Borden P11US0

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Itemized Postcard; Declaration for Utility Patent; Check for \$40.; Check for \$1,162.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input checked="" type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts /Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP THOMAS L. LOCKHART
Signature	<i>Thomas L. Lockhart</i>
Date	5/15/01

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 5-15-00			
Typed or printed name	ALICE R. ZEMAITIS		
Signature	<i>Alice R. Zemaitis</i>	Date	5-15-00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



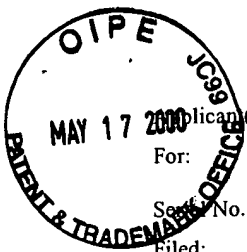
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FEE TRANSMITTAL for FY 2000		Complete if Known	
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R §§ 1.27 and 1.28.		Application Number	09/503,834
		Filing Date	02/15/2000
		First Named Inventor	PATENAUE, Francois, et. al.
		Examiner Name	Not Assigned
		Group/Art Unit	2749
TOTAL AMOUNT OF PAYMENT	(\$) 1,202.00	Attorney Docket No.	Borden P11US0

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 22-0257 Deposit Account Name: Varnum, Riddering, et al. <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		3. ADDITIONAL FEES																																																																																																																																																																																									
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Order		<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge – late filing fee or oath</td><td>130</td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>300</td><td>219</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr><tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive – unintentional</td><td></td></tr><tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1/129(b))</td><td></td></tr><tr><td colspan="2"></td><td colspan="2">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="2"></td><td colspan="2">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="2"></td><td colspan="2">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3)</td><td>(\$) 170</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge – late filing fee or oath	130	127	50	227	25	Surcharge – late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	219	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,210	241	605	Petition to revive – unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR § 1/129(b))				Other fee (specify) _____						Other fee (specify) _____						*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$) 170
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SUBMITTED BY: VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP		Complete (if applicable)	
Name (Print/Type)	THOMAS L. LOCKHART	Registration No. (Attorney/Agent)	29,324
Signature		Telephone	616/336-6000
		Date	5/10/00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant(s): PATENAUD, Francois and DUFOUR, Martial
For: METHOD AND APPARATUS FOR NOISE FLOOR ESTIMATION
Serial No.: 09/503,834
Filed: 02/15/2000

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner for Patents
BOX MISSING PART
Washington, DC 20231

Sir:

Transmitted for filing in the above-referenced patent application are the following:

- ☐ A Verified Statement Claiming Small Entity Status under 37 C.F.R. §§ 1.9(f) and 1.27.
- ☒ An Assignment of the invention to Her Majesty, Assignment cover sheet, and a check in the amount of \$40.00 for the recording fee.
- ☒ A Combined Declaration and Power of Attorney.
- ☒ Copy of the Notice to File Missing Parts of Application Filing Date Granted, Form PTO-1533.
- ☒ A check in the amount of \$852.00.00 to cover the basic filing fee and the large entity surcharge for late payment of the filing fee and late filing of the Declaration as set forth in 37 C.F.R. § 1.16(e).

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
For:	No Filed	Extra	Rate	Fee	Or	Rate	Fee
Basic Fee				\$345	Or		\$690
Total Clms	39 - 20	19	x 9	\$ 0	Or	x 18	\$342
Indep Claims	2 - 3	*0	x 39	\$ 0	Or	x 78	\$ 0
[] multiple dependent claims			130	\$ 0	Or	+260	\$
Total				\$	Or	Total	\$1,032

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 22-0257:

- 1) Any patent application processing fees under 37 C.F.R. § 1.17;
- 2) Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims; and
- 3) Any additional filing fees required under 37 C.F.R. § 1.16.

A duplicate copy of this correspondence is enclosed.

Respectfully submitted,

FRANCOIS PATENAUDE and MARTIAL DUFOUR

By Thomas L. Lockhart
Thomas L. Lockhart, Reg. No. 29,324
VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP
Bridgewater Place
Post Office Box 352
Grand Rapids, Michigan 49501-0352
(616) 336-6000

Dated: 5/15/00

I hereby certify that this correspondence is being deposited with the
United States Postal Service as First Class Mail in an envelope addressed to:
COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, DC 20231, on

5-15-2000
Alice R. Zemaitis

3

FORMALITIES LETTER



OC00000005059679



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/503,834	02/15/2000	Francois Patenaude	Borden-P11US0

Thomas L Lockhart
Bridgewater Place
333 Bridge Street NW
P O Box 352
Grand Rapids, MI 49501-0352



Date Mailed: 04/18/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$342.
 ■ **\$342 for 19 total claims over 20.**
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1162.**

A copy of this notice MUST be returned with the reply.

Elisha Evans

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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01 FC:101	690.00 OP
02 FC:103	342.00 OP
03 FC:105	130.00 OP